

ANNUAL REPORT OF HAZARDOUS WASTE EXPORTS FOR 2011

PAGE 1 OF 2

1. PRIMARY EXPORTER (CONSIGNOR)

NAME: ADVANCED CHEMICAL COMPANY

EPA ID NO.: R I D 0 5 9 7 3 5 7 6 1

MAILING ADDRESS: 105 BELLOWS STREET

CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

SITE ADDRESS: 105 BELLOWS STREET

CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

2. CONSIGNEE:

NAME: STABLEX CANADA INC.

MAILING ADDRESS: 760 BLVD. INDUSTRIAL
BLAINVILLE, QUEBEC, CANADA, J7C 3V4

SITE ADDRESS: SAME

EPA ID NO.: CANADIAN ID # 114 364 9946

3. TRANSPORTER

NO. 1:

NAME: EQ NORTHEAST, INC.

EPA ID NO.: M A D 0 8 4 8 1 4 1 3 6

NO. 2:

NAME: N/A

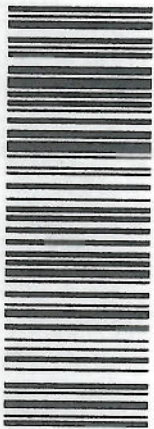
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SDH 2/8/2012



ADVANCED CHEMICAL COMPANY
105 Bellows Street, Warwick, RI 02888

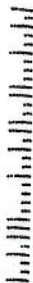
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International Compliance Assurance Division
(2254A)
April Rios Building
1200 Pennsylvania Ave N.W.
Washington, DC 20460



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4. WASTE INFORMATION

DESCRIPTION OF WASTE: TOXIC LIQUIDS

EPA WASTE NUMBER: F009, F007, D003, D002, D008, D011

DOT PROPER SHIPPING NAME: RQ, Waste toxic, liquid, corrosive, inorganic, n.o.s., (potassium cyanide, sodium hydroxide), 6.1 (8), UN 3289, PG II (F009) (F007) (D003) (D002) (D008) (D011)

DOT HAZARD CLASS: Primary: 6 (TOXIC)
Subsidiary: 8 (CORROSIVE)

DOT ID CODE (UN/NA): UN 3289

5. SHIPPING INFORMATION

NUMBER OF SHIPMENTS DURING THE CALENDAR YEAR: 34

TOTAL VOLUME OF THIS WASTE SHIPPED: 438,160 kg (966,143 lbs.)

6. WASTE MINIMIZATION STATEMENT

NOT REQUIRED (PER 40 CFR 262.41): ☐

SUBMITTED WITH EPA BIENNIAL REPORT: ☐

ATTACHED ☒

7. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Charles J. Volpe
PRINT: _____

SIGNATURE:  _____

DATE: 2/3/12 _____

WASTE MINIMIZATION STATEMENT FOR CALENDAR YEAR 2011

We are currently exporting a by-product generated from precious metal refining operations. This material was originally processed in-house or by U.S. treatment facilities. A 2003 cost effectiveness analysis determined a financial benefit existed if foreign companies handled the material. In the 1st quarter of 2004, we initiated the process to have the by-product exported to treatment facilities in Canada.

We generated and exported approximately 966,143 pounds of material in calendar year 2011.

Our 2010 / 2011 EPA Acknowledgement of Consent to Export covered the period from February 22, 2010 to February 19, 2011. While our 2011 / 2012 EPA Acknowledgement of Consent covers the period from February 23, 2011 to February 22, 2012.

In 2010, we projected a five- (5) percent increase in processed materials for calendar year 2011. An actual nine- (9) percent decrease occurred. Based on 2011 data, we project a five- (5) percent increase for 2012.

In 1995, our Company instituted a revised waste reduction program and we are very confident that the program uses the "Best Affordable Technology" available. We will continue to use the good housekeeping practices and inventory control procedures incorporated with our first waste minimization program (1991). In addition, we'll continue to investigate the possibilities of using U.S. treatment facilities to process this by-product.

Our precious metal refining streams remained on par with previous year's materials. The toxicity of this material has remained roughly the same since 1991 and we do not anticipate any major variance in the future.

We, at Advanced Chemical Company, are committed to reducing our wastes. This is done not only for economic reasons, but also for the greater environmental impact it holds for the future. Advanced will continue to seek State of the Art Technology to improve this crucial area when economically feasible.

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CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

SITE ADDRESS: 105 BELLOWS STREET

CITY: WARWICK STATE: RHODE ISLAND ZIP: 02888

2. CONSIGNEE:

NAME: XSTRATA CANADA CORPORATION

MAILING ADDRESS: C. P. 4000
ROUYN-NORANDA, QUEBEC, CANADA, J9X 5B6

SITE ADDRESS: 156 MARCEL-BARIL AVENUE
ROUYN-NORANDA, QUEBEC, CANADA, J9X 7C1

EPA ID NO.: CANADIAN ID # 114 184 855 7

3. TRANSPORTER

NO. 1:

NAME: EQ NORTHEAST, INC.

EPA ID NO.: M A D 0 8 4 8 1 4 1 3 6

NO. 2:

NAME: N/A

EPA ID NO.: N/A

received
5/11 2/8/2012

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4. WASTE INFORMATION

DESCRIPTION OF WASTE: WASTE TREATMENT PLANT FILTER CAKE
EPA WASTE NUMBER: F007 F006
DOT PROPER SHIPPING NAME: HAZARDOUS WASTE SOLID, n.o.s., (METAL HYDROXIDE SLUDGE), 9, NA 3077, PG III (F007)
DOT HAZARD CLASS: 9 (MISCELLANEOUS)
DOT ID CODE (UN/NA): NA 3077

5. SHIPPING INFORMATION

NUMBER OF SHIPMENTS DURING THE CALENDAR YEAR: 0
TOTAL VOLUME OF THIS WASTE SHIPPED: 0

6. WASTE MINIMIZATION STATEMENT

NOT REQUIRED (PER 40 CFR 262.41): ☒
SUBMITTED WITH EPA BIENNIAL REPORT: ☐
ATTACHED ☐

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PRINT: Charles J. Volpe

SIGNATURE: 

DATE: 2/3/12

WASTE MINIMIZATION STATEMENT FOR CALENDAR YEAR 2011

In 2010, Advanced developed a new technology that allowed our Company to process the material in-house. This process eliminated the need to export any material in 2011.

Our 2010 / 2011 EPA Acknowledgement covered the period from August 17, 2010 to August 16, 2011.

Code: d:\environmental\charles\reports\wmsfcy2011 Falconbridge Noranda Xstrata

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